



**PATENT APPLICATION  
Q79171**

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

In re application of

Minoru USUI, et al.

Appln. No.: 10/755,358

Group Art Unit: TBA

Confirmation No.: TBA

Examiner: TBA

Filed: January 13, 2004

For: DROP-ON-DEMAND INK-JET PRINTING HEAD

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§1.97 AND 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO/SB/08 A & B (modified), which are all of the references of record in parent application Serial No. 09/758,163. Applicants are not submitting duplicate copies of these references, but request that they be listed on the face of any patent granted on the above application. (See 37 C.F.R. §1.98(d).)

INFORMATION DISCLOSURE STATEMENT  
U.S. Serial No. 10/755,358

Attorney Docket No.  
Q79171

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

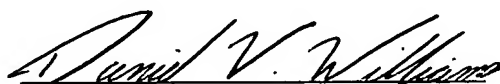
Respectfully submitted,

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WASHINGTON OFFICE

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CUSTOMER NUMBER

  
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Registration No. 45,221

Date: February 24, 2004

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS**

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**Complete if Known**

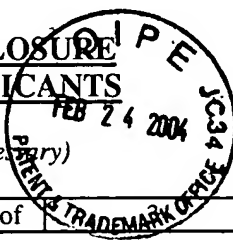
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
	AA	5,128,694	A	07/1992	Kanayama
	AB	5,894,317	A	04/1999	Usui, et al.
	AC	4,641,153	A	02/1987	Cruz-Urbe
	AD	4,752,788	A	06/1988	Yasuhara, et al.
	AE	4,788,557	A	11/1988	Howkins
	AF	4,566,018	A	01/1986	Nilsson
	AG	4,443,729	A	04/1984	Rider
	AH	4,752,789	A	06/1988	Maltsev

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	AI	JP	57-188372	A	11/1982		
	AJ	JP	1-235648	A	09/1989		
	AK	JP	3-218839	A	09/1991		
	AL	JP	3-108549	A	05/1991		
	AM	JP	3-243358	A	10/1991		
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	AO	JP	58-10863	A	06/1983		
	AP	JP	2-2206	A	01/1990		
	AQ	JP	59-152708	A	08/1984		
	AR	JP	61-46082	A	03/1986		
	AS	JP	12-55549	A	12/1989		
	AT	JP	63-303750	A	12/1988		
	AU	JP	56-120365	A	09/1981		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
	AV		
	AW		
	AX		
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	AZ		

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

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	BA	6,186,619	A	02/2001	Usui, et al.
	BB	5,910,809	A	06/1999	Usui, et al.
	BC	5,444,471	A	08/1995	Usui, et al.
	BD	4,845,399	A	07/1989	Yasuda, et al.
	BE	4,599,628	A	07/1986	Doring, et al.
	BF	4,819,014	A	04/1989	Yasuhara, et al.
	BG	5,446,485	A	08/1995	Usui, et al.
	BH	4,072,959	A	02/1978	Elmvist
	BI	4,536,097	A	08/1985	Nilsson

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	BJ	JP	60-90770	A	05/1985		
	BK	EP	0 402 171	A2	12/1990		
	BL	JP	61-208880	A	09/1986		
	BM	JP	63-125343	A	05/1988		
	BN	JP	63-185640	A	08/1988		
	BO	JP	63-295269	A	12/1988		
	BP	JP	58-119870	A	07/1983		
	BQ	JP	58-119871	A	07/1983		
	BR	JP	58-119872	A	07/1983		
	BS	JP	01-115638	A	05/1989		
	BT	JP	11-98357	A	08/1989		
	BU	EP	0 443 628	A2	08/1991		

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	BV	Patent Abstracts of Japan, Vol. 11, N94, March 1987, corresponding to JP 61-246063 (Ricoh Co., Ltd.), November 1986	
	BW	Utsumi, et al., "Designed-Space Forming Technology in Ceramics," IMC 1986 Proceedings, May 1986, pages 36-42	
	BX		
	BY		
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	CA	4,390,886	A	06/1983	Sultan
	CB	4,523,121	A	06/1985	Takahashi, et al.
	CC	5,072,240	A	12/1991	Miyazawa, et al.
	CD	4,638,206	A	01/1987	Tsunooka, et al.
	CE	4,812,698	A	08/1989	Chida, et al.
	CF	4,937,597	A	06/1990	Yashuhara, et al.
	CG	4,962,391	A	10/1990	Kitahara, et al.
	CH	4,439,780	A	03/1984	DeYoung, et al.
	CI	4,697,193	A	09/1987	Howkins

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	CJ	JP	63-128778	A	06/1988		
	CK						
	CL						
	CM						
	CN						
	CO						
	CP						
	CQ						
	CR						
	CS						
	CT						

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